



POTENTIAL HAZARDOUS WASTE SITE
IDENTIFICATION AND PRELIMINARY ASSESSMENT

REGION

SITE NUMBER (to be assigned by HQ)

V

04-0000/0076

NOTE: This form is completed for each potential hazardous waste site to help set priorities for site inspection. The information submitted on this form is based on available records and may be updated on subsequent forms as a result of additional inquiries and on-site inspections.

GENERAL INSTRUCTIONS: Complete Sections I and III through X as completely as possible before Section II (Preliminary Assessment). File this form in the Regional Hazardous Waste Log File and submit a copy to: U.S. Environmental Protection Agency; Site Tracking System; Hazardous Waste Enforcement Task Force (EN-335); 401 M St., SW; Washington, DC 20460.

I. SITE IDENTIFICATION

A. SITE NAME FORT HILL PLANT		B. STREET (or other identifier) 11215 BROWER RD	
C. CITY NORTH BEND	D. STATE OHIO	E. ZIP CODE 45052	F. COUNTY NAME HAMILTON
G. OWNER/OPERATOR (if known) 1. NAME E.I. DU PONT COMPANY		2. TELEPHONE NUMBER 513-941-4121	
H. TYPE OF OWNERSHIP <input type="checkbox"/> 1. FEDERAL <input type="checkbox"/> 2. STATE <input type="checkbox"/> 3. COUNTY <input type="checkbox"/> 4. MUNICIPAL <input checked="" type="checkbox"/> 5. PRIVATE <input type="checkbox"/> 6. UNKNOWN			

I. SITE DESCRIPTION SITE LOCATED NEAR THE CONFLUENCE OF GREAT MIAMI RIVER AND THE OHIO RIVER ABOVE THE FLOOD PLAIN ON SLEEPING GROUND. THE INDUSTRIAL PROCESS USED AT PLANT IS CONTACT SULFURIC ACID		K. DATE IDENTIFIED (mo., day, & yr.) 10/15/79
J. HOW IDENTIFIED (i.e., citizen's complaints, OSHA citations, etc.) ECKHARDT REPORT		
L. PRINCIPAL STATE CONTACT 1. NAME DON DAY		2. TELEPHONE NUMBER 614-466-8934

II. PRELIMINARY ASSESSMENT (complete this section last)

A. APPARENT SERIOUSNESS OF PROBLEM <input type="checkbox"/> 1. HIGH <input type="checkbox"/> 2. MEDIUM <input type="checkbox"/> 3. LOW <input checked="" type="checkbox"/> 4. NONE <input type="checkbox"/> 5. UNKNOWN	
B. RECOMMENDATION <input checked="" type="checkbox"/> 1. NO ACTION NEEDED (none) <input type="checkbox"/> 2. IMMEDIATE SITE INSPECTION NEEDED a. TENTATIVELY SCHEDULED FOR: b. WILL BE PERFORMED BY: <input type="checkbox"/> 3. SITE INSPECTION NEEDED a. TENTATIVELY SCHEDULED FOR: b. WILL BE PERFORMED BY: <input type="checkbox"/> 4. SITE INSPECTION NEEDED (low priority)	

C. PREPARER INFORMATION		
1. NAME DON MARSHALL	2. TELEPHONE NUMBER 513-461-4670	3. DATE (mo., day, & yr.) 7/15/80

III. SITE INFORMATION

A. SITE STATUS <input type="checkbox"/> 1. ACTIVE (Those industrial or municipal sites which are being used for waste treatment, storage, or disposal on a continuing basis, even if infrequently.) <input checked="" type="checkbox"/> 2. INACTIVE (Those sites which no longer receive wastes.) <input type="checkbox"/> 3. OTHER (specify): (Those sites that include such incidents like "midnight dumping" where no regular or continuing use of the site for waste disposal has occurred.)	
B. IS GENERATOR ON SITE? <input type="checkbox"/> 1. NO <input checked="" type="checkbox"/> 2. YES (specify generator's four-digit SIC Code): 2819	
C. AREA OF SITE (in acres) 28 acres / 1 used	D. IF APPARENT SERIOUSNESS OF SITE IS HIGH, SPECIFY COORDINATES 1. LATITUDE (deg.-min.-sec.) 2. LONGITUDE (deg.-min.-sec.)
E. ARE THERE BUILDINGS ON THE SITE? <input type="checkbox"/> 1. NO <input checked="" type="checkbox"/> 2. YES (specify): SMALL BLDGS. FOR EQUIPMENT	

US EPA RECORDS CENTER REGION 5



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Continue On Reverse

V. CHARACTERIZATION OF SITE ACTIVITY

Indicate the major site activity:

and details relating to each activity by marking 'X' in the appropriate boxes.

A. TRANSPORTER		B. STORER		C. TREATER		D. DISPOSER	
<input type="checkbox"/> 1. RAIL	<input type="checkbox"/> 1. PILE	<input checked="" type="checkbox"/> 1. FILTRATION	<input checked="" type="checkbox"/> 1. LANDFILL				
<input type="checkbox"/> 2. SHIP	<input type="checkbox"/> 2. SURFACE IMPOUNDMENT	<input type="checkbox"/> 2. INCINERATION	<input type="checkbox"/> 2. LANDFARM				
<input type="checkbox"/> 3. BARGE	<input type="checkbox"/> 3. DRUMS	<input type="checkbox"/> 3. VOLUME REDUCTION	<input type="checkbox"/> 3. OPEN DUMP				
<input type="checkbox"/> 4. TRUCK	<input type="checkbox"/> 4. TANK, ABOVE GROUND	<input type="checkbox"/> 4. RECYCLING/RECOVERY	<input type="checkbox"/> 4. SURFACE IMPOUNDMENT				
<input type="checkbox"/> 5. PIPELINE	<input type="checkbox"/> 5. TANK, BELOW GROUND	<input type="checkbox"/> 5. CHEM./PHYS. TREATMENT	<input type="checkbox"/> 5. MIDNIGHT DUMPING				
<input type="checkbox"/> 6. OTHER (specify):	<input type="checkbox"/> 6. OTHER (specify):	<input type="checkbox"/> 6. BIOLOGICAL TREATMENT	<input type="checkbox"/> 6. INCINERATION				
		<input type="checkbox"/> 7. WASTE OIL REPROCESSING	<input type="checkbox"/> 7. UNDERGROUND INJECTION				
		<input type="checkbox"/> 8. SOLVENT RECOVERY	<input type="checkbox"/> 8. OTHER (specify):				
		<input type="checkbox"/> 9. OTHER (specify):					

E. SPECIFY DETAILS OF SITE ACTIVITIES AS NEEDED

SULFURIC ACID PLANT USED TO USE FRASCH DRY SULFUR AND HAD TO FILTER OUT IMPURITIES. MOLTEN SULFUR NOW USED + FILTRATION NO LONGER NECESSARY. CATALYST CLEANED ONCE PER YEAR AND SOLD. WASTE BURIED ON SITE FROM FILTER PROCESS WAS DIATOMACEOUS EARTH CONTAMINATED WITH VANADIUM PENTOXIDE.

V. WASTE RELATED INFORMATION

A. WASTE TYPE

☐ 1. UNKNOWN ☐ 2. LIQUID ☐ 3. SOLID ☒ 4. SLUDGE ☐ 5. GAS

B. WASTE CHARACTERISTICS

☐ 1. UNKNOWN ☐ 2. CORROSIVE ☐ 3. IGNITABLE ☐ 4. RADIOACTIVE ☐ 5. HIGHLY VOLATILE
☐ 6. TOXIC ☐ 7. REACTIVE ☒ 8. INERT ☐ 9. FLAMMABLE

☒ 10. OTHER (specify): DIATOMACEOUS EARTH WITH TRACE IMPURITIES

C. WASTE CATEGORIES

1. Are records of wastes available? Specify items such as manifests, inventories, etc. below.

YES

2. Estimate the amount (specify unit of measure) of waste by category; mark 'X' to indicate which wastes are present.

a. SLUDGE		b. OIL		c. SOLVENTS		d. CHEMICALS		e. SOLIDS		f. OTHER	
AMOUNT	UNIT OF MEASURE	AMOUNT	UNIT OF MEASURE	AMOUNT	UNIT OF MEASURE	AMOUNT	UNIT OF MEASURE	AMOUNT	UNIT OF MEASURE	AMOUNT	UNIT OF MEASURE
<input checked="" type="checkbox"/> (1) PAINT, PIGMENTS		<input checked="" type="checkbox"/> (1) OILY WASTES		<input checked="" type="checkbox"/> (1) HALOGENATED SOLVENTS		<input checked="" type="checkbox"/> (1) ACIDS		<input checked="" type="checkbox"/> (1) FLYASH		<input checked="" type="checkbox"/> (1) LABORATORY PHARMACEUT.	
<input type="checkbox"/> (2) METALS SLUDGES		<input type="checkbox"/> (2) OTHER (specify):		<input type="checkbox"/> (2) NON-HALOGENATED SOLVENTS		<input type="checkbox"/> (2) PICKLING LIQUORS		<input type="checkbox"/> (2) ASBESTOS		<input type="checkbox"/> (2) HOSPITAL	
<input type="checkbox"/> (3) POTW				<input type="checkbox"/> (3) OTHER (specify):		<input type="checkbox"/> (3) CAUSTICS		<input type="checkbox"/> (3) MILLING/ MINE TAILINGS		<input type="checkbox"/> (3) RADIOACTIVE	
<input type="checkbox"/> (4) ALUMINUM SLUDGE						<input type="checkbox"/> (4) PESTICIDES		<input type="checkbox"/> (4) FERROUS SMLTG. WASTES		<input type="checkbox"/> (4) MUNICIPAL	
<input type="checkbox"/> (5) OTHER (specify):						<input type="checkbox"/> (5) DYES/INKS		<input type="checkbox"/> (5) NON-FERROUS SMLTG. WASTES		<input type="checkbox"/> (5) OTHER (specify):	
						<input type="checkbox"/> (6) CYANIDE		<input checked="" type="checkbox"/> (6) OTHER (specify):			
						<input type="checkbox"/> (7) PHENOLS		<u>DIATOMACEOUS</u>			
						<input type="checkbox"/> (8) HALOGENS		<u>EARTH WITH</u>			
						<input type="checkbox"/> (9) PCB		<u>TRACE IMPURITIES</u>			
						<input type="checkbox"/> (10) METALS					
						<input type="checkbox"/> (11) OTHER (specify):					

VII. PERMIT INFORMATION

A. INDICATE ALL APPLICABLE PERMITS HELD BY THE SITE.

NONE

- ☐ 1. NPDES PERMIT ☐ 2. SPCC PLAN ☐ 3. STATE PERMIT (specify): _____
☐ 4. AIR PERMITS ☐ 5. LOCAL PERMIT ☐ 6. RCRA TRANSPORTER
☐ 7. RCRA STORER ☐ 8. RCRA TREATER ☐ 9. RCRA DISPOSER
☐ 10. OTHER (specify): _____

B. IN COMPLIANCE?

- ☒ 1. YES ☐ 2. NO ☐ 3. UNKNOWN

4. WITH RESPECT TO (list regulation name & number): SITE CLOSED

VIII. PAST REGULATORY ACTIONS

- ☒ A. NONE ☐ B. YES (summarize below)

IX. INSPECTION ACTIVITY (past or on-going)

- ☒ A. NONE ☐ B. YES (complete items 1, 2, 3, & 4 below)

1. TYPE OF ACTIVITY	2. DATE OF PAST ACTION (mo., day, & yr.)	3. PERFORMED BY: (EPA/State)	4. DESCRIPTION

X. REMEDIAL ACTIVITY (past or on-going)

- ☒ A. NONE ☐ B. YES (complete items 1, 2, 3, & 4 below)

1. TYPE OF ACTIVITY	2. DATE OF PAST ACTION (mo., day, & yr.)	3. PERFORMED BY: (EPA/State)	4. DESCRIPTION

NOTE: Based on the information in Sections III through X, fill out the Preliminary Assessment (Section II) information on the first page of this form.

V. WASTE RELATED INFORMATION (continued)

3. LIST SUBSTANCES OF GREATEST CONCERN WHICH MAY BE ON THE SITE (place in descending order of hazard).

NONE

4. ADDITIONAL COMMENTS OR NARRATIVE DESCRIPTION OF SITUATION KNOWN OR REPORTED TO EXIST AT THE SITE.

SITE NO LONGER USED. SITE IS COVERED AND GRASS BUILT OVER TOP
 SITE HAD BEEN USED FROM 1956 TO 1974

VI. HAZARD DESCRIPTION

A. TYPE OF HAZARD	B. POTENTIAL HAZARD (mark 'X')	C. ALLEGED INCIDENT (mark 'X')	D. DATE OF INCIDENT (mo., day, yr.)	E. REMARKS
1. NO HAZARD				
2. HUMAN HEALTH				
3. NON-WORKER INJURY/EXPOSURE				
4. WORKER INJURY				
5. CONTAMINATION OF WATER SUPPLY				
6. CONTAMINATION OF FOOD CHAIN				
7. CONTAMINATION OF GROUND WATER	X			
8. CONTAMINATION OF SURFACE WATER				
9. DAMAGE TO FLORA/FAUNA				
10. FISH KILL				
11. CONTAMINATION OF AIR				
12. NOTICEABLE ODORS				
13. CONTAMINATION OF SOIL				
14. PROPERTY DAMAGE				
15. FIRE OR EXPLOSION				
16. SPILLS/LEAKING CONTAINERS/ RUNOFF/STANDING LIQUIDS				
17. SEWER, STORM DRAIN PROBLEMS				
18. EROSION PROBLEMS				
19. INADEQUATE SECURITY				
20. INCOMPATIBLE WASTES				
21. MIDNIGHT DUMPING				
22. OTHER (specify):				